

ABSTRACT OF THE DISCLOSURE

A prosthetic socket casting device includes a base with a forward side from which an expandable bladder surrounding a central casting area extends.

5 The bladder includes a plurality of inner expandable chambers that generally extend along the length of the bladder interior and peripherally surround the central casting area. The inner walls of the chambers are formed of a pliable, fluid impermeable relatively thin sheet material that is distendable upon pressurization of the chamber volumes. The bladder further includes an outer

10 covering or wall formed of a material or construction that limits distention of the bladder outwardly. The chambers may be expanded using pressurized air or other fluid to constrict the central casting area in which a residuum having a settable prosthetic socket material thereon may be placed for molding and curing under pressure. The multiple expandable chambers create a desirable

15 pressure distribution circumferentially around the central casting area.

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